



**ARMY
MSRR**



<http://www.msrr.army.mil>

Army MSRR Working Group Meeting

4 June 2004

Presidential Towers, Crystal City, VA

Army Modeling &



Agenda

- Opening Remarks
- MSRR Overview
- WG TOR Review
- Live Demonstration
- Break
- RDA Domain User Feedback
- Air Force and Navy MSRR Systems
- Possible System Modifications and User Concerns



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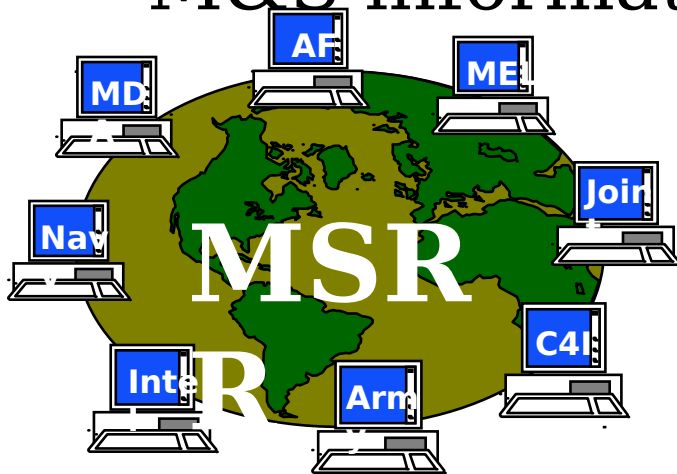


MSRR Overview



Background

The Modeling & Simulation Resource Repository (MSRR) is designed as a DoD-wide system of distributed, interoperable M&S information systems.



- **M&S** = models, simulations, & simulators
- **Resource** = items, activities, places, people, etc. associated with M&S
- **Repository** = place to store and/or deposit M&S information and/or items

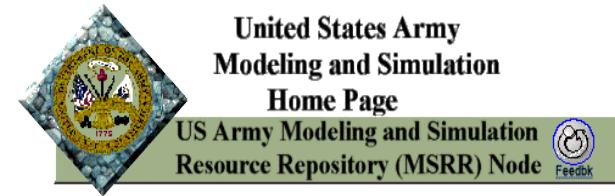


MSRR Overview



History

- 1993 – Army MSRR Node established (populated by 1992 J-8 Catalog of M&S)
- 1995 – MModel & Simulation Integrated Catalog (MOSAIC) developed & replaced catalog (dial-up modem system)
- 1997 – Army M&S catalog effort (MACOMs -- through AMSEC, P&T WG, et al -- requested to update catalog entries)
- 1998 – Army MSRR replaced MOSAIC



MOSAIC





MSRR Overview



Relationships

- **MSRR Board of Directors (BOD)**
(DMSO, AFAMS, AMSO, NAVMSMO, DIA, MDA, DSC) – Provides common strategic direction; ensures accurate and complete cataloging of resources; promotes networked distributed repository architecture; promotes sharing and reuse of M&S resources; reviews MSRR capabilities against objectives and recommends improvements.*
- **MSRR Tri-Service Steering Group (TSSG)**
(AFAMS, AMSO, NAVMSMO) – Goal of standardizing the look and feel of Service-specific MSRRs, and providing a fully integrated, easy-to-use system; and, works to coordinate standardization across Service lines.**
- **Army MSRR WG**
(MACOMS) – Within the Army M&S community, provide a forum to improve communication and coordination; educate MSRR users; gather user requirements; and, promote registry of resources.***



MSRR Overview



Services' Roles

Each Service maintains their Service-specific M&S* on similar systems with common data structures that easily share and locate information among systems.

Army MSRR Goal

Provide a single location to access/obtain/disseminate Army M&S resources; promote interoperability, reuse, & commonality through information sharing & communication; and, be used as a guide & directory to Internet

* Defense M&S Office (DMSO), Defense Intelligence Agency (DIA), Missile Defense Agency (MDA), & Decision Support Center (DSC) maintain MSRRs.



MSRR Overview

Status

While the functionality has kept pace with the information management race, the true driver -- accurate information -- is behind.



"We have lots of information technology. We just don't have any information."

Statistics (as of 1 Jun 04)

All (948); Data Sources (145); Documents (25);
Models & Simulations (736); Related Sites (23);
Support Tools/Utilities (19)



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Army MSRR WG



Name: ~~Army-Model & Resource~~
~~Repository Working Group~~
Change to:
Modeling

5. Mission and Purpose

Provide a forum that supports AMSO in maintaining the Army MSRR...educate users about the MSRR system...ensure Army MSRR entries are updated and corrected...promote registry of resources into the Army MSRR...advise on requests or improvements to the Army MSRR...promote awareness of the Army.



Army MSRR WG



<http://www.amsso.army.mil/2004-refs/pubs/tor-amsrrwg.htm>

TOR

6. Membership

Chaired by Chief, Policy and Technology Division, AMSO or representative

Representatives from M&S Domain

Managers: DCS G3, DAMO-AC; ASA(ALT);
DCS G3, DAMO-TR

Other Members – Major M&S Proponent

Organizations: (1) Corps of Engineers (COE)

(2) Space and Missile Defense Command (SMDC)

(3) Training and Doctrine Command (TRADOC)

(a) Headquarters, Deputy Chief of Staff for Simulations and Analysis (DCSSA); (b) Headquarters,



Army MSRR WG



Other Members -- continued

(4) Army Materiel Command (AMC)

(a) Research, Development, & Engineering (RD&E) Command; (b) Army Research Laboratory (ARL); (c) Army Materiel Systems Analysis Agency (AMSAA); (d) Tank-automotive & Armaments Command (TACOM); (e) Communications Electronics Command (CECOM); (f) Aviation & Missile Command (AMCOM)

(5) Assistant Secretary of Army (Acquisition, Logistics & Technology) (ASA(ALT))

(a) Simulation, Training, & Instrumentation Command (STRICOM)

- (b) PEO ASMD
- (c) PEO AMMO
- (d) PEO AVN
- (e) PEO C3T
- (f) PEO CS/CSS
- (g) PEO EIS
- (h) PEO GCS
- (i) PEO IFWS

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Army MSRR WG TOR



Other Members – continued

(6) Army Test and Evaluation Command (ATEC)

(a) Headquarters; (b) Virtual Proving Ground (VPG); (c)

Electronic Proving Ground (EPG)

(7) Future Combat Systems (FCS)

(8) Medical Command (MEDCOM)

(9) Center for Army Analysis (CAA)

(10) Military Traffic Management Command (MTMC)

(11) Cost & Economic Analysis Center (CEAC)

(12) National Ground Intelligence Center

8. Administrative Support and Staff Arrangements.

~~Policy and Technology Division~~ **Change to: Army Modeling & Simulation Office**



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- Wrap Up



Demonstration



Quick Search

What's New

Browse

+ Search

Reports

+ Register

+ M&S Standards

+ M&S Domains

+ MSRR Nodes

+ Assistance

Registered Users



The Army MSRR is part of the DoD-wide **Modeling & Simulation Resource Repository (MSRR)**. The MSRR promotes interoperability, reuse, and commonality through information sharing and communication throughout the M&S community. A large number of organizations and a significant degree of effort are involved throughout the US Army in leveraging M&S technologies for the execution of Title 10 responsibilities. This site is intended as a guide and directory to Internet information on these activities. Users can locate, access, and obtain M&S resources that support Training, Exercises, & Military Operations (TEMO); Advanced Concepts and Requirements (ACR); and Research, Development, and Acquisition (RDA).

FIRST TIME USERS

Click here to see
what to do!



The Army Model & Simulation Office (AMSO) hosts the Army MSRR.

AMSO has formed an Army MSRR Working Group (approved by the AMSEC). See [AMSO website](#) for additional information.

DISCLAIMER

This Site is Maintained by AMSO

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An Army of One

For system problems or questions, contact the Army MSRR Web Administrator: ams0-webmaster@hqda.army.mil



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Services' MSRR Systems



Each Service maintains Service-specific MSRR systems.* These systems have common data structures that easily share and locate information.



- Air Force Agency for M&S (AFAMS) manages the Air Force MSRR
- Navy M&S Office (NAVMSMO) manages the Navy M&S Catalog (formerly Navy MSRR)
- Army M&S Office (AMSO) manages the Army MSRR

* Defense M&S Office (DMSO), Defense Intelligence Agency (DIA), Missile Defense Agency (MDA), and Decision Support Center (DSC) also maintain



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- **Possible System Modifications and User Concerns**



System Modifications and User Concerns

What system modifications should be made?

Do these modifications adequately address user concerns about inaccurate, outdated, and incomplete information?

What impact would these modifications have on the overall

ARMY MSRR AF and N



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Wrap Up



What's Next?

Recognition as best
source for Army



Credibility within
the M&S
community



Back-up Slides



Demonstration



Features

What's New	Reports new resources by type and date
Browse	
Search	Locate resources without complex query *
Reports	
Register	Uses text-string or complex search routines *
M&S Standards	
M&S Domains	Top 10 resources by title and/or date
MSRR Nodes	
Assistance	Enters user/resource/organization info
Registered Users	Army-specific standards information & links

* Interacts with other Army-specific domain information &



Demonstration



Log On

By logging on and providing information, you also accept responsibility for the accuracy and currency of the information you submit.

Username:

Password:

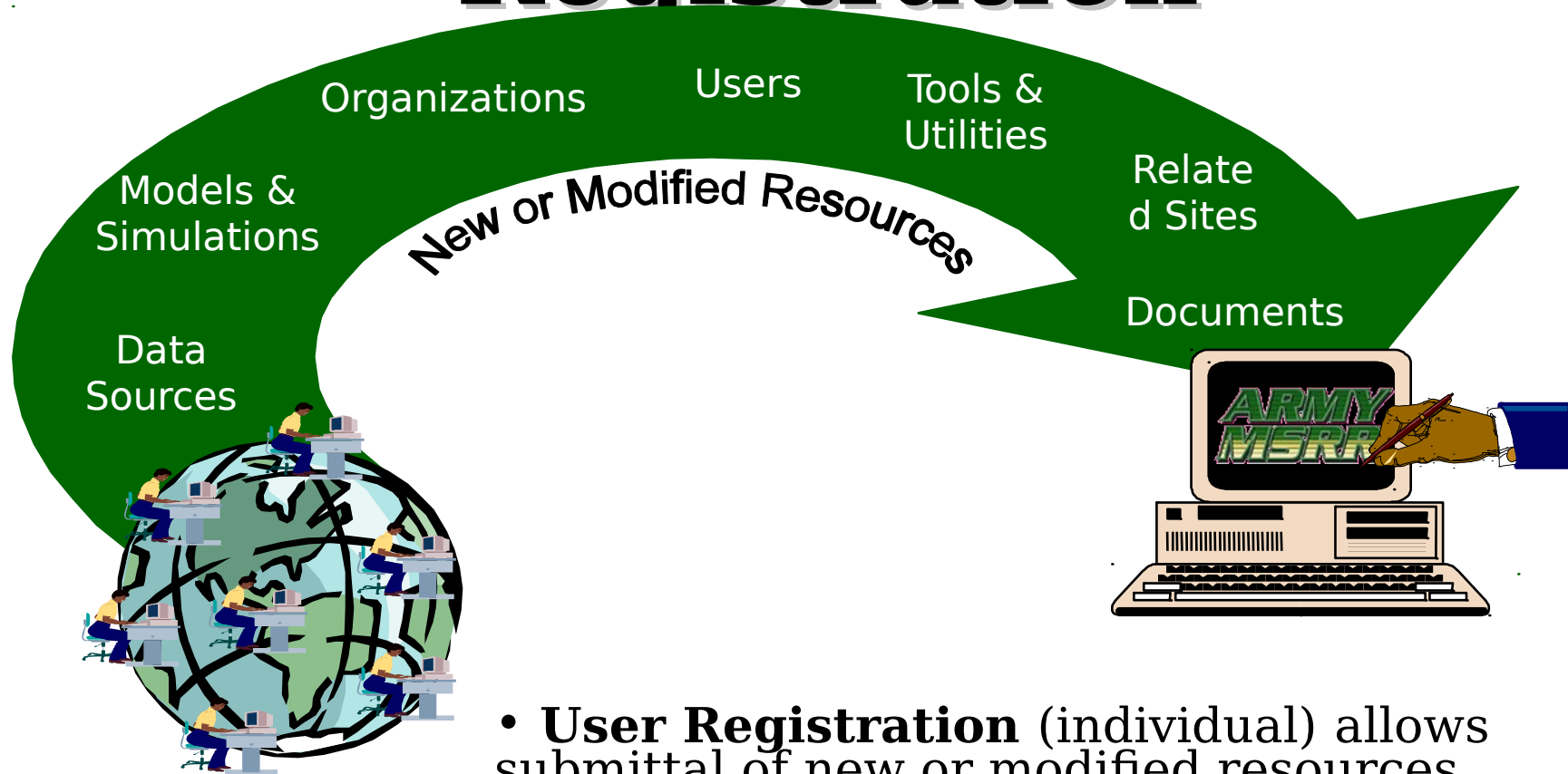
Log On

I forgot my password

I need to register



Army MSRR Registration



- **User Registration** (individual) allows submittal of new or modified resources
- **Organization Registration** allows M&S community to know the existence of organizations involved in M&S
- **Resource Registration** allows the M&S community to know about specific M&S



Army MSRR Registration

Step 1: Submitter/Resource Owner* inputs data into the Army MSRR which goes into non-public area to await review and approval.

*Submitter/Resource Owner is responsible for validity/accuracy of input; first person contacted when users have questions. Proponent Organization manages development and configuration control of

Submitter/Resource
Owner at Proponent
Organization



09/13/16 resource.



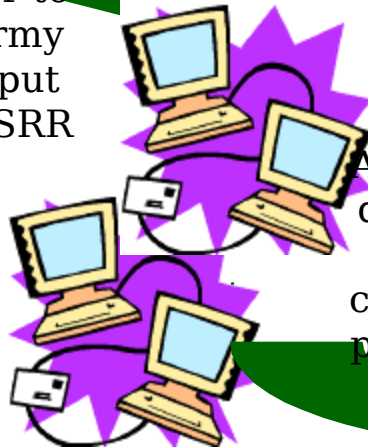
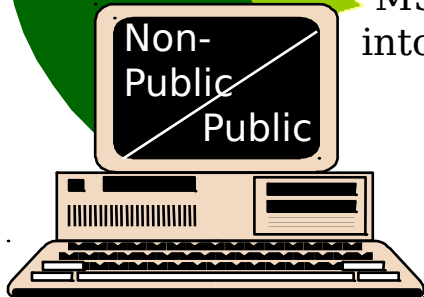
Army MSRR Registration

Step 2: Approval chain members are notified when input is submitted; Army MSRR Resource Coordinator (RC) is then notified. Note: if there is no approval chain identified, submission goes directly to Army MSRR RC.

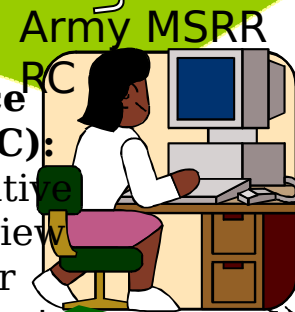
With Approval Chain

Approval Chain:
designated at each organization to review submissions prior to submission to Army MSRR RC for input into the Army MSRR public area.

Without Approval Chain



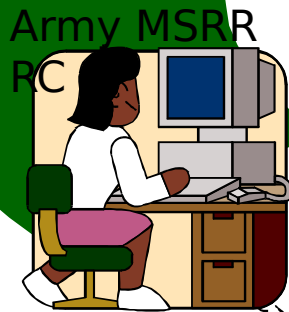
Army Resource Coordinator (RC):
AMSO representative designated to review submissions for completeness prior to placement into public area of Army MSRR





Army MSRR Registration

Step 3: Submission is placed in public area of Army MSRR by Army MSRR RC, ready for public submission.





Demonstration



Features

M&S Standards

Only Army program overseeing development of common reusable software; drives AMIP/SIMTECH program research initiatives.

- [General Information](#) - Briefings, papers, upcoming events, etc.
- [SNAP](#) - Standards Nomination and Approval Process
- [ASTARS](#) - Army Standards Repository System
- [Categories](#) - By name/organization, 19 specific categories

M&S Domains

- [ACR](#) - Advanced Concepts and Requirements
- [RDA](#) - Research, Development, and Acquisition
- [TEMO](#) - Training, Exercises, and Military Operations



Demonstration



Features

MSRR Nodes

- [Air Force Modeling and Simulation Repository](#)
- [Navy Modeling and Simulation Catalog](#)
- [DMSO Modeling & Simulation Repository](#)
- [Missile Defense Agency \(MDA\)](#)
- [Master Environmental Library \(MEL\)](#)
- [Joint C4ISR Decision Support Center](#)



Demonstration



Features

Assistance

For Army MSRR First Time Users

What is the Army MSRR?

As the title implies, it is an Army-maintained repository for Army model & simulation resources. This repository holds the meta data (descriptions) about Army M&S resources.

You don't have to be a registered user to view the resources of the Army MSRR. Viewing resources can be accomplished in these ways:

1. **Browse** allows you to view information about resources without having to run detailed searches or complex queries.
2. **Search** allows you to locate resources by --
 - Standard Search - text string search of ArmyMSRR only or ArmyMSRR plus other M&S repositories with a single consolidated display.
 - Advanced Search - specify search with field filter resulting in custom report, which can be saved and run again later.

NOTE: a simple Search function is available from the navigation bar. Simply type the word/phrase into the window under Search and press ENTER.

After browsing or searching, you will see a title and brief description of the resource(s). Double-click the highlighted title to view more detailed information about the resource.

Registration

Registration is required only when you submit new resources or modifications to existing resources. Registration is a simple process and only takes a few minutes.

To Register Yourself:

1. Select the REGISTER tab, then select Register Yourself

NOTE: You must first register yourself prior to registering or modifying a resource.

2. Complete and submit the template (you will be sent a temporary password requesting that you log into the site using the temporary password).
3. Log back into the ArmyMSRR and change to a password of your choice (this completes the registration).

continued



Demonstration



Features

To Register A New Resource (or New Organization):

1. Select the REGISTER tab, then select Register a Resource (or Organization) <you will immediately be prompted for user name & password>.
 2. Select the type of resource and complete the template, ensuring all required fields (indicated with [R]) are completed
 3. Press SUBMIT to send the new resource into the system for processing. Press SAVE to save the resource for completion at a later time.
- To Access Saved Resources, select the REGISTERED USERS tab, and log in using user name & password. The saved resource(s) will be listed at the top of the page.

Modifications

Modifications to existing resources (like registration of new resources) can only be made by registered users. To make modifications:

1. Locate entry to be modified (using Search or Browse functions above)
2. Select PROPOSE A CHANGE near the bottom of the entry (you will immediately be prompted for user name & password)
3. Submit user name and password, and input modifications to the entry.

After completing modifications, press SUBMIT to send the new resource into the system for processing or press SAVE to save the resource for completion at a later time.

For additional information, read:

- [Navigation](#) - This provides an overview of the tools used to navigate through the Army MSRR.
- [Email the RC](#) - Email the Resource Coordinator if you have questions or need further assistance.
- [Data Dictionary](#) - A list of field definitions, type, and size, displayed by resource type.
- [Sitemap](#) - A detailed list of all the sections of the Army MSRR.
- [M&S Glossary](#) - An exhaustive compilation of Modeling & Simulation terms and acronyms.